

# SOAP MAN - MATERIAL SAFETY DATA SHEET

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## Section 1 - Product Identification

Manufacturer: Aervoe Industries, Inc. 1198 Mark Circle Gardnerville, NV 89410 800-424-9300  
 Product Code: 510-511-512-513-514-520-530-540-550-551-560-561-562-566-568-570-575-580-582-583  
 Product Name: Engine Enamel  
 Product Class:  
 Date Prepared: 06-10-03 updated

## Section 2 - Hazardous Ingredients

Ingredient	CAS Number	%	Occupational Exposure Limits		Vapor Pressure Mm Hg
			PEL	TLV TWA	
Acetone	67-64-1	15-40	1000ppm	500ppm	
Hydrocarbon Propellant	68476-86-8	15-40	1000ppm	1000ppm	
Xylene	1330-20-7	10-30	100ppm	100ppm	
Methyl Propyl Ketone	107-87-9	1-5	200ppm	200ppm	
*n-Butanol	71-36-3	0.5-2.0	100ppm	20ppm	
n-Butyl Acetate	123-86-4	0.5-2.0	150ppm	150ppm	
Aliphatic Hydrocarbon	8052-41-3	0.5-2.0	500ppm	100ppm	

## Section 3 - Physical Data

Solubility In Water Negligible	% Volatile By Weight	Specific Gravity (water = 1) 0.7 to 0.8	Evaporation Rate Faster than n-butyl Acetate
Boiling Point N/A/P	Vapor Pressure	Vapor Density Heavier than air	Melting Or Freezing Point
Appearance Clear or opaque liquid	Odor Ketone odor	pH	Viscosity

## Section 4 - Fire And Explosion Hazard Data

Flash Point <0F(-18C)	Auto Ignition Temp.	Lower Explosion Limit 0.7%	Upper Explosion Limit 15.0%
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Extinguishing Media:    Foam    X CO2    X Dry Chemical    X Water Fog    Other

### Fire Fighting Procedures

Use water spray to cool containers exposed to heat or fire to prevent build up. Self-contained breathing apparatus should be used if product is involved in fire. Treat as cylinders of compressed gas. Closed containers may rupture due to pressure build up from extreme temperature. Flammable aerosol under conditions of sparks, flame, or hot surfaces. Do not puncture.

### Unusual Fire and Explosion Hazards

## Section 5 - Health Hazard Data

### Effects of Overexposure

Eyes: Painful with slight to moderate irritation.  
 Skin: Prolonged or repeated contact may cause irritation and dermatitis.  
 Inhalation: Respiratory tract irritant. May cause dizziness, light-headedness and/or headaches.  
 Ingestion: Not likely in normal use but swallowing large amounts may be harmful.

### Chronic Effects:

Primary Routes of Entry:

### Emergency and First Aid Procedures

Eyes: Flush immediately with water for 15 minutes; seek medical attention if irritation persists.  
 Skin: Wash affected area with soap and water, remove contaminated clothing, and seek medical attention if irritation persists.  
 Inhalation: Remove from exposure; seek medical attention if signs/symptoms persist.  
 Ingestion: DO NOT induce vomiting; drink plenty of water, and seek medical attention.

## Section 6 - Reactivity Data

Stability:    Stable    Unstable      Conditions To Avoid: Open flames, sparks, electrical arcs.  
 Hazardous Polymerization:

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<u>    </u> May Occur	<input checked="" type="checkbox"/> Will Not Occur	Conditions To Avoid
<b>Hazardous Decomposition Byproducts</b>		Carbon Monoxide, Carbon Dioxide.
<b>Materials To Avoid</b>		Strong oxidizing agents.

## Section 7 - Precautions For Safe Handling And Use

<b>Steps to be Taken in Case Material is Released or Spilled</b>	
Small Spills:	Remove all sources of ignition. Ventilate area. Prevent from entering a watercourse. Use an inert absorbent material and non-sparking type tools.
Large Spills:	
Disposal:	Dispose of in accordance with local, state and federal regulations. Do not incinerate closed containers.
Handling and Storing:	Do not store above 120F (49C). Do not store or use near heat, sparks or flame.
Other Precautions:	Do not smoke while using this product. Dust from sanding the dry paint film should be treated as a nuisance dust with a TLV of 15mg/ Cubic meter.

## Section 8 - Special Protection Information

Respiratory Protection:	In areas with poor ventilation, use a NIOSH approved Organic Vapor Cartridge Respirator. For concentrations above the TLV (as defined in Section 11), use a positive air supplied respirator.
Ventilation:	General ventilation to maintain exposure limits below TLV's as defined in Section 11
Local Exhaust:	
Mechanical:	
Special:	
Other:	
Protective Gloves:	Chemical resistant gloves such as Neoprene or Nitrile Rubber.
Eye Protection:	Safety glasses or goggles.
Other Protective Clothing or Equipment:	Not established.
Work/Hygienic Practices:	Avoid prolonged or repeated contact. Do not breathe vapors. Wash contaminated clothing prior to reuse.

## Section 9 - Special Precautions

Precautionary Labeling:  
Handling and Storage:

## Section 10 - Additional Information

## Section 11 - HMIS Health Hazard Rating

0 - Insignificant	1 - Slight	2 - Moderate	3 - High	4 - Extreme
Health <u>    </u>	Fire <u>    </u>	Reactivity <u>    </u>	Special <u>    </u>	

Notice: All information, recommendations, and suggestions appearing herein concerning this product are based upon data obtained from the manufacturer and/or recognized technical sources; however, manufacturer makes no warranty, representation or guaranty as to the accuracy, sufficiency or completeness of the material set forth herein. It is the user's responsibility to determine the safety, toxicity and suitability of his own use, handling and disposal of the product.

NA -- Not Applicable

ND - No Data Available